

DECLARATION AND POWER OF ATTORNEY

As a below named Inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

"Distributed Control Network for Irrigation Management"

the specification of which

☐

is attached hereto

OR

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was filed on March 29, 2000 as United States Application number or PCT International Application Number 09/537,093 and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Number	Country	Foreign filing date	Priority Claimed?

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Number	Filing Date

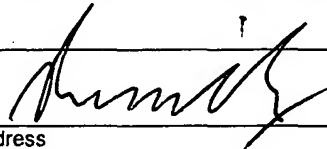
I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application or PCT Parent Number	Parent Filing Date	Parent Patent Number (if applicable)

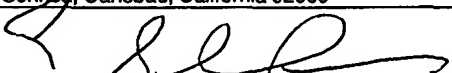
I hereby appoint as my attorneys, with full powers of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: Cynthia K. Nicholson, Reg. No. 36,880, Joseph F. Key, Reg. No. 44,827.

Send all correspondence to: Cynthia K. Nicholson, Piper Marbury Rudnick & Wolfe LLP, 1200 19th Street N.W., Washington, DC 20036, (202) 861-6243.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

First or sole inventor: Given Name (first and middle [if any]) BRIAN J.	Family Name or Surname SMITH
Signature 	Date 7/28/2000
Residence Address Laguna Niguel, California 92677	Country of Citizenship South Africa
Post Office Address 30872 Belle Maison Laguna Niguel, California 92677	

[Signatures should conform to names as typewritten]

Second Inventor: ERIC SCHAFER Residence Address 3454 Corte Sonrise, Carlsbad, California 92009	Date 7/28/2000
Signature 	

For prima facie proof of execution in the United States. Notary: On this _____ day of _____, personally appeared the person above named, and executed or acknowledged that he/she executed the foregoing Assignment on behalf of said assignor and pursuant to authority duly received.

Prima facie proof of execution outside the United States is shown by a certificate issued by a U.S. diplomatic or consular officer or by a person authorized to administer oaths whose authority is proved by certificate.

SUPPLEMENTAL DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if pl names are listed below) of the subject matter claimed and for which a patent is sought on the invention entitled:

DISTRIBUTED CONTROL NETWORK FOR IRRIGATION MANAGEMENT

the specification of which

[] is attached hereto OR

[X] was filed on March 29, 2000 as Application Serial No. 09/537,093.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, amended by any amendment referred to above.

I acknowledge the duty to disclose information which is known to me to be material to patentability in accordance with Title 35, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) or Section 365(b) of any foreign application(s) for patent or inventor's certificate, or Section 365(a) of any PCT international application which designated at least one country other than the United States, listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s):			Priority Claimed	
<u>Number</u>	<u>Country</u>	<u>Day/Month/Year filed</u>	<u>Yes</u>	<u>No</u>

I hereby claim the benefit under 35 USC 119(e) of any United States provisional application(s) listed below.

Prior Provisional Application(s):	
<u>Application Number</u>	<u>Filing Date</u>

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s), or Section 365(c) of any PCT international application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Prior U. S. Non-Provisional Application(s):		
<u>Serial No.</u>	<u>Filing Date</u>	<u>Status: Patented, Pending, Abandoned</u>

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and those like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby grant the firm of HALE AND DORR LLP the power to insert on this Declaration any further identification, including application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

I hereby appoint the following registered practitioners, and all registered practitioners listed at customer number 24395:

Scott M. Alter, Reg. No. 32,879; Hollie L. Baker, Reg. No. 31,321; Barbara A. Barakat, Reg. No. 32,190; Steven D. Barre, Reg. No. 40,903; Michael J. Bevilacqua, Reg. No. 31,091; Sally Byrne, Reg. No. 40,545; M. Scott Carey, Reg. No. 50,998; David L. Cavanaugh, Reg. No. 36,476; David J. Cerveney, Reg. No. 44,600; Nancy Chiu, Reg. No. 43,545; Michael A. Diener, Reg. No. 37,122; Peter M. Dichlara, Reg. No. 38,005; Gregory S. Discher, Reg. No. 42,488; Irah H. Donner, Reg. No. 35,120; Neal Goldberg, Reg. No. 48,527; Richard A. Goldenberg, Reg. No. 38,895; Edward D. Grief, Reg. No. 38,89; Joseph F. Haag, Reg. No. 42,612; Wendy A. Haller, Reg. No. 35,177; Anthony H. Kahng, Reg. No. 42,704; Wayne M. Kennard, Reg. No. 30,271; Ann-Louise Kerner, Reg. No. 33,523; Janice M. Klunder, Reg. No. 41,121; James B. Lampert, Reg. No. 24,564; Ayla A. Lari, Reg. No. 43,739; Nels Lippert, Reg. No. 25,888; Jane M. Love, Reg. No. 42,812; Maria L. Maebius, Reg. No. 42,967; Dominic Massa, Reg. No. 44,905; Robert McIsaac, Reg. No. 46,918; Tiffany Mendez, Reg. No. 50,160; Cynthia K. Nicholson, Reg. No. 36,880; Keum J. Park, Reg. No. 42,059; Tamera Pertner, Reg. No. 47,856; Jas n Reyes, Reg. No. 41,513; Gretchen A. Rice, Reg. No. 37,429; Mary Rose Scozzafava, Reg. No. 36,268; Victor F. Souto, Reg. No. 33,458; Donald R. Steinberg, Reg. No. 37,241; Colleen Superko, Reg. No. 39,850; C. Hall Swaim, Reg. No. 22,838; Leonid D. Thenor, Reg. No. 39,397; Michael J. Twomey, Reg. No. 38,349; Rajesh Vallabh, Reg. No. 35,761; Megan Valentine, Reg. No. 47,149; Gary A. Walpert, Reg. No. 26,098; Emily R. Whelan, Reg. No. 50,391; Lisa M. Wilson, Reg. No. 34,045; Henry N. Wixon, Reg. No. 32,073; and Luke J. Yeh, Reg. No. 43,296,

with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and all future correspondence should be addressed to them at the address at customer number 24395, and specifically:

HALE AND DORR
1455 Pennsylvania Avenue, NW
Washington, DC 20004
TEL 202.942.8400
FAX 202.942.8484

Full name of sole or first inventor: Brian J. Smith

Inventor's signature: _____

Date: _____

Residence: Laguna Niguel, California

Citizenship: South Africa

Post Office Address: 30872 Belle Maison, Laguna Niguel, California 92677

Full name of second inventor: Eric Schafer

Inventor's signature:  _____

Date: 1/16/2003

Residence: Carlsbad, California

Citizenship: U.S.

Post Office Address: 3454 Corte Sonrisa, Carlsbad, California 92009

**STATEMENT CLAIMING SMALL ENTITY STATUS
(37 CFR 1.9(f) & 1.27(c)) – SMALL BUSINESS CONCERN**

Docket Number: 29863/1

Applicant: Brian J. Smith, et al.
Ser. No.: 09/537,093
Filed: March 29, 2000
Title: Distributed Control Network for Irrigation Management

I hereby state that I am

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the owner of the small business concern identified below:
OR

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an official of the small business concern empowered to act on behalf of the concern identified below:

Signature Control Systems, Inc.
4780 Eucalyptus Ave.
Chino, California 91710

I hereby state that the above identified small business concern qualifies as a small business concern as defined in 13 CFR 121 for purposes of paying reduced fees to the United States Patent and Trademark Office.

I hereby state that rights under contract or law have been conveyed to and remain with the small business concern identified above with regard to the invention described in

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the specification filed herewith with title as listed above
OR

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the application identified above
OR

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the patent identified above

If rights held by the above identified small business concern are not exclusive, each individual, concern, or organization having rights in the invention must file separate statements as to their status as small entities, and no rights to the invention are held by any person, other than the inventor, who would not qualify as an independent inventor under 37 CFR 1.9© if that person made the invention, or by any concern which would not qualify as a small business concern under 37 CFR 1.9(d), or a nonprofit organization under 37 CFR 1.9(e).

Each person, concern, or organization having any rights in the invention is listed below:

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no such person, concern, or organization exists
OR

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each such person, concern, or organization is listed below

Separate statements are required from each named person, concern or organization having rights to the invention stating their status as small entities (37 CFR 1.27).

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time or paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b)).

Name of person signing <i>Brian J. Smith</i>	Title of person signing <i>PRESIDENT</i>
Signature <i>[Signature]</i>	Date <i>7/28/2000</i>
Address 4780 Eucalyptus Ave., Chino, California 91710	